



Ø BEAT

COLO. SPRINGS,
COLORADO

FEBRUARY 1969

SEMI-ANNUAL AUCTION, VOTING FEATURES OF FEBRUARY MEETING

It's that time again and the next meeting of the PPRAA, February 12, is to be devoted, for the most part, to the semi-annual auction of radio and electronic gear and parts.

One other bit of business at the meeting will be the election of a new member of the board of directors to fill a vacancy left by the resignation of Max Main, WØBDH, who is leaving Colorado Springs to accept a new job with RCA in the East.

A list of the candidates to be voted on to select a board member to fill the vacancy appears in this issue.

The usual rules apply for the February auction. Bring in items which you wish to dispose of, tag them with your name, and they will be put up for bid. Ten per cent goes to the PPRAA--the rest goes to you.

TEN NAMES ON LIST OF CANDIDATES FOR BOARD OF DIRECTORS SLOT

A total of ten names will be on the ballot at the February meeting--one of them will be selected by the members to fill the vacancy on the Board of Directors as the result of the resignation of Max Main, WØBDH.

* If there is a red check in this *
* box, you've forgotten to pay your *
* 1969 PPRAA dues and are not a *
* "member in good standing" and this *
* is the last issue of Zero Beat you *
* will receive. Better see the sec- *
* retary and assure yourself of an- *
* other year of PPRAA companionship *
* and a continuation of Zero *
* Beat for the next year. *

Nine of the names were among those nominated as candidates for members of the board to be voted on at the annual election last November when four directors were elected to serve for the next two years along with the four directors whose two year terms expire in Nov-

ember of this year.

Since Max Main was one of the directors reelected for a new two-year term last November, his successor will be filling that vacancy for the remainder of that two years.

Members whose names were also
(Continued on Page Three)

ZERO BEAT

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-o-

The PPRAA meets the second Wednesday of each month in the U. S. Naval Reserve Training Center, Lake and Logan Streets, starting at 8 p.m. All radio amateurs and other interested persons are invited to attend.

COPY DEADLINE for MARCH ZERO BEAT will be 26 February.

Editorial

WE SUFFER ANOTHER LOSS

The military services have many times been the cause of the PPRAA losing good members, but this time it is a civilian firm that has "done us dirt."

Max Main, WØBDH, who as a member of the PPRAA Board of Directors, as a former PPRAA president and as a very active member of the PPRAA, is leaving Colorado Springs to accept employment with RCA in the East.

We were informed by Max some time ago, when we were checking on Dr. Sterrett, who was the very interesting speaker on satellites at the January meeting, that he might be leaving. At that time, Max told us he hated to think of leaving the Springs because of the very pleasant association he had with the PPRAA, but that the offer was tempting because it was near his home and he would not have to spend as much time away from home as he did here. He said that he was sure that he would miss the PPRAA very much.

It's not often that the PPRAA is fortunate enough to have a member who is as hard working as Max. He will be missed not only for his activities during PPRAA Field Day activities, but for the

BOARD OF DIRECTORS

Pres. - Pete Demario, KØUDG

Vice Pres. - George Kowalski, WØGCH

Secty. - Rosemarie Lewis, WAØMNL

Treas. - Rudy Wroblewski, WAØPJG

-o-

Harold Combs, WAØPNR

Ed Pompea, KØZPG

Eldon Lewis, WAØERA

Max Main, WØBDH

-o-

fine job he has done in providing interesting speakers and programs and the continued interest he has shown in the PPRAA.

We are sure that every member of the PPRAA will join us in stating that we will miss Max just as much as he says he will miss the PPRAA.

Lots of luck on the new job, Max, let us hear how you are getting along and don't forget your many friends in the PPRAA.

-o-

OOPS! EXCUSE US!

We are almost prone to wonder at times if anyone reads Zero Beat or if all the work that goes into it is wasted--especially when two errors slipped by in last month's issue without anyone saying a word about them.

We refer to the error in the Cheyenne Mountain repeater story in which we inadvertently listed the 146, 147 input and 167.74 output in the six meter band instead of in the two meter band where they belonged. (We hope FCC doesn't get hold of a copy--they might cancel our license for "ignorance"-hi!).

The other error was in the article on the SCM candidates, when we
(Continued on following page)

EXCUSE US!

(Continued from preceding page)
 listed Chic Cotterell (WØSIN, not KØSIN)
 as the current SCM. Our apologies--
 Chic is the current SEC, not SCM--the
 current SCM is Dick Hoppe, KØFDH, of
 Idaho Sprongs, Colo.

---Frank, WØHWH

-o-o-o-

The
PRESIDENT'S
 COLUMN

"Well, all right, folks, what'll
 ya bid for it?"

Auction time has again rolled
 around and as usual has caught many of
 us unprepared. Let's get with the pro-
 gram and get our goodies ready for the
 auction. Label your items so that the
 clerk of the auction (Ida Demario) can
 give you proper credit. Place mini-
 mum bids on your goodies or protect
 your items when they are auctioned.
 Bill Haskin and I will do the auctioneer-
 ing---terms as usual are cash. The
 club will take the usual ten per cent but
 no charge will be made on items that
 are not sold. The auction will take
 place in the drill hall of the Naval Res-
 erve. Bring your goodies, some long
 green folding stuff and your good will
 and have yourself a good time. Best
 of 73's to you.

---Pete, KØUDG

CANDIDATES

(Continued from Page One)
 on the ballot at the time Pete Demario,
 KØUDG, George Kowalski, WØGCH, and
 Max Main were reelected and Eldon
 Lewis, WØERA, was elected, asboard
 members, are:

Jerry Bishop, KØICQ

Erving Ebel, WØKWV

Julian (Doc) Cornell, WØCNT

Steve Parker, WØSIZ

James Hall, WØCOB

John Marek, WØEJI

Arthur Mayer, WØAEH

Frank Craw, WØHWH

John T. Kester, WØLVL

Dean Jaynes, WØPJH

The name of Bill King, WØLKD,
 was added to the list through nomination
 at the January meeting.

James Hall has requested that he
 not be considered as a candidate in the
 February election since he cannot at this
 time devote time to the club due to the
 serious illness of his wife.

-o-o-o-

The city banker was visiting the
 farm. "I suppose," he said, nodding to
 a figure in the farm yard, "that's the
 hired hand."

"No," replied the farmer, "that
 is the first vice president in charge of
 cows."

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R

OSIE'S REPORTINGS

By Rosemarie Lewis, WAØMNL

February is auction month, when the OM can get rid of some of the things arpuund the house he no longer has use for---well the ladies are being afforded the chance to do about the same thing. The Colorado YL Radio Club is trying to raise money to attend the national YLs convention in California in 1972. A fund raising project is planned for the second Saturday in June in the form of a flea mart sale. So anyone having saleable items for donation for resale, with the proceeds going to the Colorado YL gals, phone Linda, WAØMNM, or me---632-5721. The items will be picked up at your convenience and stored in the Lewis QTH until June.

-rr-

Annabell Meck, KØWZN, Palmer Lake, is treasurer for the Colorado YL and any of you gals interested in the YLs, give Ann a call at 481-2276. Maybe there would be enough interest for a Colorado Springs chapter. Carol, WØEVT, is also a member of the Colorado YL Club.

-rr-

Chic Cotterell, WØSIN, wrote the article entitled Amateur Radio which appeared in the Denver Post January 12. The column will appear every other week and if there is enough interest will be a regular feature.

-rr-

Bill Berendt, WØHNI, noted in a recent article in QST where some young folks in India are interested in Amateur Radio but parts are scarce. Bill has written to an India Amateur Radio Club and has offered to help someone who might not otherwise be able to secure parts, etc., to become a ham. Let us know how it works out, Bill.

-rr-

John Felix, KØSLM, is back in St. Francis Hospital as a cardiac patient.

-rr-

Harlan Harris, KØTAX, recently returned from a week in the Philippines, Taiwan and Japan. In the Philippines it is a rule that only the residents of that country can operate Amateur Radio stations. Harlan visited in the homes of two native Filipino operators and got a tour of the Voice of America station. Harlan says his trip was a wonderful experience---he conducted church services, usually in an open field, fish market or town plaza, due to the large crowds. Harlan made trips back into the brush country, where the people still have witch doctors and many primitive ways.

-rr-

Dick Long, KØFMF, and family recently visited in the Springs before attending more missionary training in Kansas prior to their assignment to Sarawak, off the Coast of Thailand.

-rr-

SILENT KEY - -

James "Jim" Jennings, KØKUP, of South Fork, Colo. Radio Amateurs have set up a memorial in his honor. Donations may be sent to Del Norte Hospital Cardiac Dept., Del Norte, Colo. 81132.

-rr-

Pueblo PPRAA member Ollie Shriner received her ticket, WAØWAD. Her OM is WAØEZO, Bob. They teamed up on 2 meters to aid a mobile stranded in the high country with car trouble---Ollie acted as base station while Bob went to the rescue. Other Pueblo stations assisted.

-rr-

When Linda, WAØMNM, and I planned a senior winter campout 10 miles above Woodland Park, on the list was electric blankets (in hopes of finding a current bush, hi!) and a borrowed

(Continued on following page)

ROSIE'S REPORTINGS

(Continued from preceding page)

2 meter FM rig from George Kowalski, WØGCH. We arrived at the lodge camp Friday afternoon and discovered that the nearest phone was miles away but that the FM rig tripped the Denver repeater. The group drove to the ski area 20 miles away and Linda (chicken) stayed at camp to await the arrival of more girls and to keep the fire going. One of the girls was injured at the ski area and was rushed to a Springs hospital. 2 Meters was used to relay the news to the camp and was valuable in keeping us posted on the girl's condition for the next two days. We were unable to trip the Pueblo repeater, but by using 40 and 80 to contact Denver, had good communications. Bill King, WØLKD, can trip the Denver repeater by driving east of town and this he did twice, taking Eldon, WAØERA, with him once, affording us the chance to talk with Eldon. From our location we QSO'd mobiles near Cheyenne, Wyo., Loveland, and of course Denver amateurs. We were able to get a WX forecast and were told that if we needed help to give a 2 meter call as rigs are on day and night. This was good to know as Saturday night, six girls, one leader,

and two donkeys spent the night at the camp. We did not have a car there so if it had been needed, the 2 meter FM would have served us for securing transportation as well as communications. P.S. The girl who got hurt did not suffer any broken bones. Do thank all who helped us.

-rr--

Jim Reynolds, WØJMB, worked some rare DX---AC4 in Lhasa, Tibet, on 20 meter cw about 8 a.m. The AC4 op said he was having interference from the Himalaya Mountains. (There were only two Tibet stations listed in my DX call book.)

-o-o-o-

PPRAA CODE-THEORY CLASSES
MOVED TO CIVIL DEFENSE CENTER

The Thursday evening code and theory classes sponsored by the PPRAA have been moved from the Naval Reserve Center to the Civil Defense Center in the basement of the Colorado Springs Police station at Weber and Kiowa streets.

John Summers, WAØHHN, is in charge of the classes, which meet at 7 p.m. weekly.

-o-o-o-

Gather up that stuff you have no need for and bring it to the auction!!

CW

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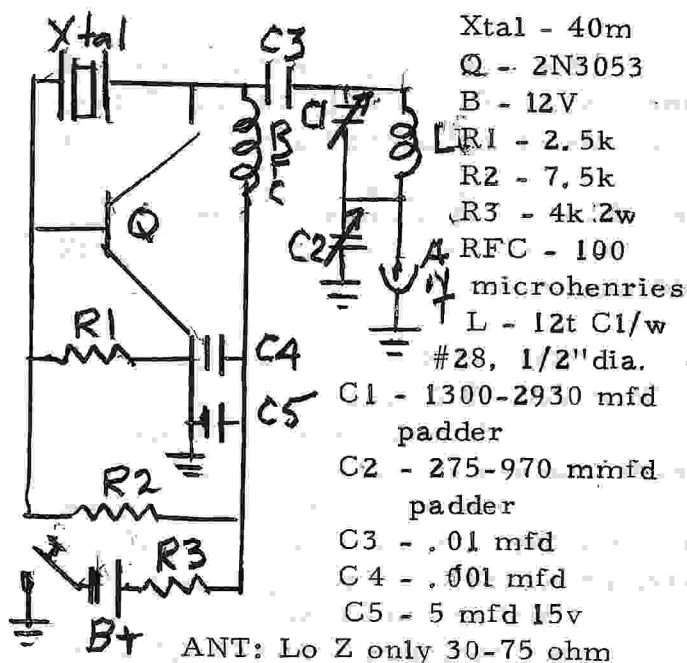
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INTERESTED IN LOW POWER? THIS MAY BE THE ANSWER.

For those of you who might be interested in experimenting with low power--here is a circuit designed by W6TYP which appeared in the Central California Radio Council "Circle."



W6TYP states that the following are some of the results that took place during an eight month period "in a far from ideal metropolitan QTH using a Joystick antenna on 40 meters."

DAY

12 microwatts	QSO	2-1/2 miles dx
336 microwatts	"	67 miles
1 milliwatt	"	350 miles
50 milliwatts	"	450 miles
100 milliwatts	"	680 miles
500 milliwatts	"	747 miles

NITE

(All US Call areas/29 states, KHÇ, KL& four countries)

*354 microwatts	QSO	354 miles
* 50 milliwatts	"	2656 miles
500 milliwatts	"	5700 miles

*Both world's records for 40 meters.

(Continued on Page Eight)

ARRL BULLETINS

205 Outdated by time Zero Beat reaches you, so not published.

-arrl-

206 Despite recent rumors and on the air statements by individual amateurs, the Thailand ban has not been lifted. For United States stations, the ban is still in effect with HS XU XV and 3W8 stations. For Canadians the above list applies, plus JY and XW8. Keep this in mind during the February and March ARRL International DX Competition.

-o-o-o-

REPEATER FREQUENCIES LISTED FOR CENTRAL CALIFORNIA AREA

With the growing interest in repeaters and the possibility that some PPRAA members might be considering Horace Greeley's admonition to "Go West" come vacation time, following is a list of repeater frequencies in the San Francisco Bay area from the Central California Radio Council "Circle."

The first listing below is output, followed by the input, or tripping, frequency.

-AM-

Frequencies	Call	Location
145.1-146.6	K6GWE	San Rafael
145.2-146.68	WB6OQS	San Rafael

-FM-

146.8-146.2	WB6AAE	Berkeley
146.85-144.2	W6AEX	Solano County
147.06-147.8	W6CX	Contra Costa County
147.71-146.94	WA6YCX	San Jose
147.06-RTTY	WA6YCX	San Jose
147.71-146.08	W6DOO	Oakland

-o-o-o-o-

Don't be a 'Radio Litterbug'-- Listen before you transmit and be sure you're extending the same kind of "radio courtesy" you'd expect to receive from others!

ARRL BULLETINS

202 New interstate tariffs filed by the various telephone companies with FCC have been allowed to go into effect January 1, though many matters remain in dispute. Devices such as phone patches will be permitted through an interface leased from the phone companies. Installation charges vary widely, but monthly rentals of the interface are expected to be about 50 cents. In some states, interstate tariffs paralleling the federal rates have not yet been accepted by the public utilities commission.

-arrl-

203 A strike by dockworkers along the Atlantic and Gulf Coasts has caused suspension of all regular sea mail, including letters and QSL cards as well as packages and magazines, between the United States and Europe, Africa, the Near East and the Caribbean Islands. Sea mail to Central and South America, India, Pakistan, the Far East and the Pacific continues to be handled through West Coast ports. Air mail and air parcel post shipments are still being accepted to all points, and first class airlift mail to Puerto Rico and the Virgin Islands is still okay.

-arrl-

204 All amateurs are invited to participate in the 1969 ARRL International DX competition, the first and third weekends of February and March. Full rules appear on page 64 of QST. When requesting the new logging forms, please be sure to include your zip code along with your name and full mailing address. All forms are returned third class unless sufficient first class postage, a minimum of twelve cents, is supplied.

-o-o-o-

Salesman: So your'e lost, little boy? Why didn't you hang on to your nother's skirt?

Boy: I couldn't reach it.

---Denver RC "Round Table"

FOUR NAMES ON BALLOT
FOR COLORADO SCM

As Rosemarie Lewis, WAØMNL, PPRAA secretary, announced at the January meeting, the race for Colorado SCM finally wound up with four names on the ballot: Gary P. Armour, WØUAT; Charles "Chic" Cotterell, WØSIN; Royal Maxwell, WAØQFY, and "our own" Ed Pompea, KØZPG.

Ballots were received in this area about the middle of January, due at the ARRL headquarters not later than February 13, so if you haven't sent yours in by the time you read this,--you will probably be too late for your vote to be counted.

-o-o-o-

WANTED---Transfer units made by General Radio---#1106B and 1106C. These are used in frequency measuring and maybe some ham has them around the shack and doesn't need them. If so, contact Jim Reynolds, WØJMB, 728 Prospect Lake Drive, Phone 632-9860 Colorado Springs, 80910.

-o-o-o-

Bring that "junk" the XYL complains about to the February auction and turn it into cash. Then you can take home some new stuff to bother her.

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LOW POWER TRANSMITTER

(Continued from Page Six)

The "Circle" article states that: member of the QRP International Amateur Radio Club---running less than 100 watts, in 54 countries. One of the unusual activities is the 'Thousand-Miles-Per-Watt' award. For information about the club, write W7OW"

ARE YOU ONE OF THESE?
DO SOMETHING ABOUT IT!

At the time Zero Beat went to press, our records showed that 68 of the 1968 members of PPRAA had failed to renew their membership for 1969.

How about rectifying that situation and, in addition, bringing in some new members in addition?

Two rigs; ~~was~~
Tenn. Tree -
Ore. French
200 - 250 -
Back B. & Lupton to Harlan
Ride to various

Top above
high.

ZERO BEAT Editor
Pikes Peak Radio Amateur Association, Inc.
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